

Building a Boat Dock



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Part I: Overview of Business

BMI is a small town metal fabrication company that operates on an industrial scale. The company employs 18 people and is a complete metal fabrication shop. No project is too small or too big for BMI including yard decorations, farm equipment repairs, part fabrication, factory equipment, production welding, plus plastic molds.

Part II: Job Specifics

I have been involved with production welding, helping customers, and fabricating a boat dock along with a large food grade stainless steel project for the local factory in town.

Part III: Introduce the Project

- Fabricate an all metal boat dock with two benches.
- The students will be fabricating the same dock I learned how to build during my extership.

Part IV: Background

- Advanced metals class will be be to appile prevoisly learnd fabrication skill to a real and relavant project.

Part V: Business Solution

- BMI has agreed to give us the blue prints and CNC plasma programs needs for the project.

Part VI: Student Solutions

- This project allows students to learn through hands experince of trial and error.